



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/045,611	10/25/2001	Ryota Hata	M2047-27	1017
7278	7590	02/07/2006	EXAMINER	
DARBY & DARBY P.C. P. O. BOX 5257 NEW YORK, NY 10150-5257			WU, XIAO MIN	
			ART UNIT	PAPER NUMBER
			2674	
DATE MAILED: 02/07/2006				

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/045,611

Applicant(s)

HATA ET AL.

Examiner

XIAO M. WU

Art Unit

2674

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 13 January 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-18 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 3-5 and 11-13 is/are allowed.
- 6) ☒ Claim(s) 1,2,6-10 and 14-18 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 1/13/2006 has been entered.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1-2, 6-10 and 14-18 are rejected under 35 U.S.C. 102(e) as being anticipated by Someya et al. (US Patent No. 6,300,931).

As to claims 1, 9, 17, 18, Someday discloses an electronic apparatus comprising: a display panel operable to display a display signal (21, Fig. 4); an image information acquisition unit operable to acquire image information in the display signal (22, 23, 24, Fig. 4); a lighting unit (20, Fig. 4) operable to light the display panel; a parameter adjusting unit (118, Fig. 4) operable to adjust a parameter (e.g. adjusting the color of the image data by using different LUTs 28-33, Fig. 4 and adjusting the intensity of the light source) participating in picture quality (e.g. compensating and suppressing the changes of the color tones) in accordance with both a

Art Unit: 2674

variation in a light amount of the light unit (19) and the acquired image information in the display signal (22, 23, 24); a signal correcting unit (25, 19, Fig. 4) operable to input the display signal and to correct picture quality of the input display signal in accordance with the adjusted parameter (e.g. adjust the color values in the LUT); and a driving unit (17, Fig. 4) to drive the display panel on the basis of a corrected display signal (col. 4, lines 41-49).

As to claims 2, 6, 10 and 14, Someya discloses the parameter includes information used for tone reproduction curve correction or a color gain adjustment (see Figs. 2 and 3).

As to claims 7, 15, Someya discloses that an area used to stored profile information (e.g. LUT, Fig. 1) about a device that has generated the display signal, wherein the signal correcting means corrects the display while taking this profile into account.

As to claims 8, 16, Someya discloses an operating means that accepts operation of a user, and control means for inputting operational information from the operating means (see Fig. 6), when operational information is not input continuously during a fixed time, the control means turns off the lighting means, and with this turn-off (e.g. BLACK state as shown in Fig. 6) as a trigger, cause the parameter adjusting means adjust the parameter participating in picture quality so as to conform al light state.

Allowable Subject Matter

4. Claims 3-5, 11-13 are allowed.

Response to Arguments

5. Applicant's arguments filed 11/18/2005 have been fully considered but they are not persuasive. Applicant argues that Someya does not disclose adjusting "a parameter participating

Art Unit: 2674

in picture quality in accordance with both a variation in a light amount of the light unit and the acquired image information in the display signal” as recited in the newly amended claims 1, 9, 17 and 18. This argument is not persuasive because Someya clearly teach a micro computer 118 for adjusting both a variation in a light amount of the light unit (e.g. high or low intensity) and the acquired image information in display signal (e.g. using different LUTs 28-33). It is believed that the Someya still reads on the newly amended claims.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to XIAO M. WU whose telephone number is 571-272-7761. The examiner can normally be reached on 6:30 am to 4:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, PATRICK EDOUARD, can be reached on 571-272-7603. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

x.w.

February 4, 2006

Application/Control Number: 10/045,611

Art Unit: 2674

Page 5

A handwritten signature in black ink, appearing to read 'Xiao M. Wu', is positioned above the printed name.

XIAO M. WU
Primary Examiner
Art Unit 2674